

## ROUTING AND RECORD SHEET

SUBJECT: (Optional)

OC - ODP Division of Responsibility

FROM:

Director of Communications

EXTENSION

NO.

OC M83- 760

DATE

22 August 1983

STAT  
STAT

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

A/E/ DDA

22 AUG 1983

22 AUG 1983

88F

2.

A DDA

22 AUG 1983

J

3.

D D A

24 AUG 1983

2

4.

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E O / A D A

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12.

13.

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15.

DD/A REGISTRY  
FILE: 1-5

83-3048

OC M83-760  
22 AUG 1981

MEMORANDUM FOR: Deputy Director for Administration

FROM: William F. Donnelly [redacted]  
Director of Communications

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SUBJECT: OC - ODP Division of Responsibility

*Harry*

1. Food for thought.

2. We are now circulating a draft of [redacted] the regulation which governs the activities of the Office of Communications. Within OC we have had discussions about the Division of Responsibility between OC and ODP because, as you are aware, there are those who argue the computer-conduit-terminal should all be ODP's business rather than have OC handle the "conduit" part of this picture. This has a certain logic in one building but does not make as much sense when there are several buildings in a city or a network in a country, etc., and particularly when more than data moves on the conduit. However, because of the proliferation of automation and move to make systems facilities more intergrated, this alternative should be considered. This is particularly the situation now that OC is staffing up to handle LANS. [redacted]

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3. We recently did a bit of research to determine what was our biggest "customer" in inter-building communications, in the Headquarters red grid, etc. We found the following:

a. Metro inter-building communications facilities -- 20-30% of total capacity used is to connect data terminals to central computers. Secure voice is by far the largest consumer of bandwidth.

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[redacted]

[redacted]

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b. Headquarters red grid facilities -- 40-50% of used capacity is taken up by data links between data terminals and central computers. Secure voice takes up most of the rest.

c. Projections of [ ] secure voice instruments and [ ] data terminals suggests that voice will continue to be dominant in the metro communications. (Currently there are approximately [ ] secure voice instruments and [ ] data terminals installed.)

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d. Foreign Networks Division and Domestic Networks Division data services terminating at ODP facilities are insignificant now.

Thus for the time being at lease I think OC should continue to be held accountable for the conduits be they in one building or between buildings or international in scope. What do you think?

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[ ]  
William F. Donnelly [ ]

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<b>TRANSMITTAL SLIP</b>		<b>DATE</b> 20 SEP 1983
<b>TO:</b> DDA (fyi)		
<b>ROOM NO.</b>	<b>BUILDING</b>	
<b>REMARKS:</b> 9/22/83 mtg at 1400 hrs <del>copy</del> Karen - hold		
<b>FROM:</b> OFFICE OF THE DIRECTOR OF DATA PROCESSING		
<b>ROOM NO.</b>	<b>BUILDING</b>	<b>EXTENSION</b>
	2-D-00 HQS.	
<small>FORM NO. 241 1 FEB 55</small>		
<small>REPLACES FORM 36-8 WHICH MAY BE USED.</small>		
<small>(47)</small>		

### Agenda for OC-ODP Meeting with DDA

- A. Domestic data processing, word processing, and telecommunications can be viewed as a totality.
  - 1. Enormous physical interconnections. The problems of one cannot be addressed independently of the other two.
  - 2. Similar project management problems across technologies.
  - 3. Competition for the same skills.
- B. Integration has been complicated by the facts that:
  - 1. These technologies come from vastly different managerial traditions.
  - 2. Large physical plant investments by both offices.
  - 3. Perceptions of overlapping charters.
- C. Similar factors
  - 1. Decisions in each area involve large amounts of money and complex technical cost evaluations. Similar backgrounds are needed to do appropriate analysis in each case.
  - 2. Great similarity exists in the type of project management skills and staff needed to implement applications of these technologies.
  - 3. Many systems, such as SAFE, require combining these technologies into integrated networks to handle computing, telecommunications, and office automation in an integrated way.
- D. Immediate problems
  - 1. No established coordination mechanism. Mid-level managers in OC and ODP have to work it out for themselves.

2. Who is the architect for the domestic data communications network?
3. What is the DA's long-term plan for cable dissemination and origination in the Metro area?
4. The lack of resources and coordination of terminal installations and building upgrades. Conflicting priorities between OC and ODP.
5. Conflicting priorities and overlap of responsibility for trouble shooting and fault correction in the data communications network.
6. Lack of consistency in network design.
7. Lack of consistency in TEMPEST requirements.
8. Duplicate solutions to electronic distribution of cables--MPS and MHF.
9. Need to clarify OC and ODP charters to get them published.
10. Who is architect for data communications network in new building?
11. Lack of expansion room in CDS may delay DESIST.

E. Agency-wide ADP/Communications Issues

1. NPIC's Upgrade
2. ALLSTAR Upgrade
3. Expansion of SAFE into DO, S&T, and DA
4. FBIS automation
5. OSO's initiatives

F. Long-term Issues

How will the Agency (DA) manage the competing/merging technologies of mainframe computer networks, word processing networks, communication networks, and microcomputers?